

THE URBAN DISTRICT COUNCIL OF TYWYN

A N N U A L
H E A L T H R E P O R T

1 9 7 1

H.FRANCIS, M.B., Ch.B., D.P.H.
District Medical Officer of Health.

E.V.COLLINS, M.R.S.H., M.A.P.H.I.,
Public Health Inspector.



ANNUAL HEALTH REPORT FOR THE YEAR ENDED
31st DECEMBER, 1971.

TO THE CHAIRMAN AND MEMBERS OF THE URBAN DISTRICT COUNCIL OF TYWYN.

Mr. Chairman and Gentlemen,

I have the honour to present the Annual Health Report for the year ended 31st December, 1971.

The Registrar General's estimate of the mid-year population of the district was 3,780 compared with 4,540 in 1970.

There were 57 live births (51 in 1970 and 71 in 1969) giving a birth rate of 11.2, the same as in 1970. There was one stillbirth and one infant died in the first week of life.

54 persons from the Urban District died during the year. As in previous years diseases of the heart and circulation were the most frequent causes of death. There were eleven deaths from cancer compared with thirteen the previous year. No new case of Tuberculosis was notified and there were no deaths from the disease.

I wish to thank Mr. Collins the Public Health Inspector, the Clerk and all the other council officials for their help during the year.

Finally I wish to thank all the members of the council for their continued interest and support.

I remain,

Your obedient Servant,

(Signed) H.FRANCIS

District Medical Officer of Health.

GENERAL STATISTICSSECTION A.

Area of Tywyn District 1971	...	22,959
Rateable Value	...	£126,979
Population(Registrar General's figures)	...	3,780
Sum represented by a penny rate	...	£1,215
Number of inhabited houses (According to the Rate Books) at the end of the year	...	1,700

VITAL STATISTICS

Comparability Factors		
Births	...	1.28
Deaths	...	.79.

BIRTHS

<u>Live Births</u>		<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	...	30	27	57
Legitimate	...	28	24	52
Illegitimate	...	2	3	5
<u>Live Birth Rate per 1,000 population</u>	-	15.1.		
1970 figures	-	11.2.		
<u>Illegitimate Live Births (per 1,000 population)</u>	-	9.		
<u>Still Births.</u>		<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	...	1	-	1
<u>Still Birth Rate per 1,000 population</u>	-	0.26.		
<u>Still Birth Rates per 1,000 Total Live and Still Births</u>			17.	
<u>TOTAL BIRTHS</u>	(Live and Still)	<u>Males</u>	<u>Females</u>	<u>Total</u>
	Live	30	27	57
	Still	1	-	1

DEATHS

<u>DEATHS OF INFANTS UNDER ONE YEAR.</u>		<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	...	-	1	1
Legitimate	...	-	1	1
Illegitimate	...	-	-	-
Infant Mortality Rate per 1,000 Live Births	...	18		
1970 figures	...	59		
Deaths of Legitimate Infant Mortality(per 1,000 Legitimate Live Births)	...	19		
Deaths of Illegitimate Infants Mortality(per 1,000 illegitimate Live Births)	...	Nil		

<u>DEATHS OF INFANTS UNDER 4 WEEKS</u>		<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	...	-	1	1
Legitimate	...	-	1	1
Illegitimate	...	-	-	-

DEATHS OF INFANTS UNDER 1 WEEK OF AGE

			<u>Males</u>	<u>Females</u>	<u>Total</u>
Total	...	...	-	1	1
Legitimate	...	...	-	1	1
Illegitimate	...	...	-	-	-
<u>Neo-Natal Mortality Rate</u>	...	18			
<u>Early Neo-Natal Mortality Rate</u>	...	18			
<u>Perinatal Mortality Rate</u>	...	34			
<u>MATERNAL DEATHS</u> (Inc.abortion)	...	Nil			
<u>MATERNAL MORTALITY</u> (Rate per 1,000)...		Nil			
Live Still Births...					
1970 figures	...	Nil			

DEATHS

			<u>Males</u>	<u>Females</u>	<u>Total</u>
Total number	...	...	29	25	54
Rate per 1,000 population	...	14.3			
1970 figures	...	13.0.			

DEATHS FROM CANCER

Total number	...	...	6	5	11
Rate per 1,000 population	...	2.9.			
1970 figures	...	2.9.			

DEATHS FROM TUBERCULOSIS

Total number	...	Nil			
Rate per 1,000 population	...	Nil			
1970 figures	...	Nil.			

GENERAL PROVISIONS OF HEALTH SERVICE
IN THE AREA.

(1) Public Health Officers of the Authority.

One Medical Officer of Health
One Public Health Inspector/Surveyor.

(2) Laboratory Facilities.

Bacteriological examination of water at the Public Health Laboratory, Aberystwyth. Examination of milk at the Public Health Laboratory, Conway. Chemical Analysis by the Public Analyst, Chester.

(3) Ambulance Facilities.

There are three full time ambulance drivers and two ambulances situated at the Fire Station, Tywyn.

(4) Infant Welfare Clinics.

Held fortnightly on Wednesday at the Health Centre, Tywyn.
Held at the Church Hall, Aberdyfi every third Tuesday in the month.

(5) Ante Natal Clinics.

This clinic is held on the 1st and 3rd Fridays in the month and last Wednesday in the month.

(6) Orthopaedic Clinic

Held at Tywyn Hospital on the last Tuesday in the month.

(7) Tuberculosis Clinic.

At Tywyn Hospital on the 2nd and 4th Fridays in each month at 2.00 p.m.

(8) Immunisation.

Immunisation against Diptheria, Whooping Cough, Tetanus and Poliomyelitis, Measles and Smallpox is carried out at the Infant Welfare Centre and in General Practitioners' Surgeries.

(9) Hospitals.

There is one hospital at Tywyn.

(1) Infectious Diseases.

Total number of infectious diseases (other than tuberculosis) notified during the year - Nil.

Scarlet Fever
Bacillary Dysentery
Whooping Cough
Measles
Infantile Paralysis
Pneumonia
Infective Jaundice

TUBERCULOSIS

<u>NEW CASES</u>		-	Nil
Pulmonary	<u>TOTAL</u>		
	Males	Females	
Pulmonary	<u>TOTAL</u>		
	Males	Females	

TUBERCULOSIS DEATHS

Pulmonary	<u>TOTAL</u>	
	Males	Females
Non-Pulmonary	<u>TOTAL</u>	
	Males	Females

TUBERCULOSIS

New cases and Mortality during 1971 in age groups 0/75 - Nil.

CAUSES OF DEATH 1971.

		<u>Males</u>	<u>Females</u>
Tuberculosis of Respiratory System	...	.....	.....
Other Tuberculosis, Incl. Late Effects	...	.....	.....
Other Tuberculosis	...	.....	.....
Enteritis & Other Diarrhoeal Diseases	...	.....	1
Other Infective & Parasitic Diseases	...	.....	.....
Malignant Neoplasm, Buccal Cavity etc.	...	.....	.....
" " Oesophagus	...	1	1
" " Stomach	...	1	.....
" " Intestine	...	.....	2
" " Lung, Bronchus	...	2	.....
" " Breast	...	.....	1
" " Uterus	...	.....	.....
" " Prostate	...	.....	.....
Leukaemia	...	.....	.....
Other Malignant Neoplasm etc.	...	2	1
Diabetes Mellitus	...	.....	.....
Avitaminoses	...	.....	.....
Other Endocrine etc. Diseases	...	.....	1
Anaemias	...	.....	.....
Other Diseases of Nervous System etc.	...	1	.....
Mental Disorders	...	.....	1
Multiple Sclerosis	...	.....	.....
Chronic Rheumatic Heart Disease	...	.....	.....
Hypertensive Disease	...	.....	.....
Ischaemic Heart Disease	...	8	5
Other Forms of Heart Disease	...	2	1
Cerebrovascular Disease	...	6	3
Other Diseases of Circulatory System	...	3	.....
Influenza	...	.....	.....
Pneumonia	...	.....	2
Bronchitis and Emphysema	...	.....	.....
Other Disease of Respiratory System	...	.....	.....
Peptic Ulcer	...	1	.....
Intestinal Obstruction and Hernia	...	.....	1
Cirrhosis of Liver	...	.....	.....
Other Diseases of Digestive System	...	.....	1
Nephritis and Nephrosis	...	.....	.....
Hyperplasia of Prostate	...	.....	.....
Other Diseases, Genito-Urinary System	...	.....	1
Diseases of Skin, Subcutaneous Tissue	...	.....	.....
Diseases of Musculo-Skeletal System	...	1	1
Congenital Anomalies	...	.....	.....
Birth Injury, Difficult Labour etc.	...	.....	.....
Carried Forward	...	28	23

		<u>Males</u>	<u>Females</u>
Balance b/forward	...	28	23
Other Causes of Perinatal Mortality	...	.....	.....
Symptoms and Ill-Defined Conditions	...	.....	.....
Motor Vehicle Accidents	...	.....	.....
All other Accidents	...	1	1
Suicide and Self-Inflicted Injuries	...	.....	1
All Other External Causes	...	.....	.....
Total	...	29	25

FOOD HYGIENE

Food premises were visited and advice given where required.

No. of Prosecutions - Nil

PUBLIC HEALTH INSPECTOR'S REPORT
SANITARY CIRCUMSTANCES OF THE AREA
WATER SUPPLY

Aberdyfi, Brynchrug, Tywyn and Cwrt.

The supply of water to these communities was plentiful and satisfactorily maintained. The Merioneth Water Board became the statutory water undertaking for the County on the 1st April, 1965.

The supply is of an excellent bacteriological standard. Close liason is maintained between the Council and the Merioneth Water Board who carry out most of the sampling.

Bacteriological Examination of Water

62 samples from public and private supplies were submitted for analysis, the results of which were as follows -

SUPPLY	SATISFACTORY		UNSATISFACTORY	
	1970	1971	1970	1971
Aberdyfi	8	21	-	2
Abertrinant	1	2	-	-
Brynchrug	6	10	-	-
Cwrt and Pennal	-	9	-	2
Tywyn	12	12	-	-
Private	6	4	1	-
TOTAL	33	58	1	4

The figures for 1970 are shown for comparison.

DRAINAGE AND SEWERAGE

Aberdyfi

The Aberdyfi Sewage Scheme was completed during the early weeks of 1968, and became operational immediately the machinery was installed. Crude sewage is disposed of by discharging into the Dovey Estuary but it is mascerated during pumping operations. The pumping system is controlled by a lunar clock and the pumping cycle is set to operate on the ebb tide. The scheme has functioned satisfactorily and no complaints respecting beach pollution have been notified. The outlet of the discharge Pipe into the Estuary has been extended some 10-15ft.

Tywyn

The gravitation systems and Pumping Stations functioned satisfactorily.

Brynchrug

The Sewage Disposal Works has functioned satisfactorily. The sewage pumping stations serving this village also functioned satisfactorily. Effluent samples taken for analysis by the Gwynedd River Authority proved to be satisfactory.

Cwrt and Pennal Joint Sewerage Scheme

Work is now completed with the construction of the Sewage Disposal Works and laying of the Sewers.

PUBLIC CLEANSING

The system of public cleansing operating in the District is collection of refuse by a 20 cubic yard Pakamatic Refuse Collection Vehicle, weekly collections are maintained for the majority of properties in the district. The outlying properties are collected every two weeks. Refuse disposal is carried out by controlled tipping at the two disposal tips situate at Tywyn and Aberdyfi respectively. The tips are maintained in a satisfactory manner.

Public Conveniences

The several public conveniences in the district were maintained in a satisfactory condition, both structurally and sanitary throughout the year. Some mis-use of the conveniences was experienced through the activities of vandals.

SANITARY INSPECTION OF THE AREA

The number and nature of visits were as follows -

			<u>1971</u>
Abattoir	....	....	156
Accumulations	....	....	8
Bakehouses	....	....	28
Cinemas	....	....	6
Caravan and Camping Sites	....	....	164
Dairies and Milk Supplies	....	....	40
Dirty Condition of Premises	....	....	1
Disinfestation	....	....	2
Drainage and Sewerage	....	....	156
Dwelling Houses	....	....	401
Factories	....	....	40
Food Premises - General	....	....	60
Fouling of Water Courses	....	....	1
Hill Farming Act	....	....	1
Ice Cream Premises	....	....	42
Improvement Grants	....	....	64
Infectious Diseases and Disinfection	....	....	1
Keeping of Animals	....	....	2
Licensed Premises	....	....	21
National Assistance Act	....	....	1
Nuisances	....	....	24
Offensive Odours	....	....	1
Petroleum Acts	....	....	46
Public Conveniences	....	....	90
Refuse Collection and Disposal	....	....	192
Rodent Control	....	....	30
Schools	....	....	1
Shops Act	....	....	90
Smoke Nuisances	....	....	1
Unsound Food	....	....	20
Water Supplies	....	....	14
Miscellaneous Visits	....	....	225
Total	....	....	<u>1,929</u>

Complaints received and investigated - 126

The number of notices served and complied with were as shown overleaf -

Statute	Notices not com- plied with at end of 1971	Notices served during 1970		Notices complied with during 1971.	Notices not complied with at end of 1971.
		Stat- utory	Infor- mal		
Public Health Act	-	-	130	110	20
Food and Drugs Act	-	-	-	-	-
Damage by pests Act	-	-	-	-	-
Clean Air Act	-	-	-	-	-
Housing Act	1	-	-	-	-
TOTAL	1	-	130	110	20

Housing

During the year the following houses were completed.

Private Houses	....	....	22
Council Houses	....	....	6 Houses & 4 Bungalows.

6 Bungalows for the aged in Church Street, Aberdyfi, in course of construction.

1. Factories Act, 1937 to 1959

Inspections for purposes of provisions as to health -

	Number on Register	Number of Inspect- ions	Written Notices	Occupiers Prosecuted
1. Factories in which Sections 2,3,4 and 6 are to be enforced by Local Authorities.	9	22	-	-
2. Factories not included in 1. in which Section 7 is enforced by the Local Authority.	23	33	-	-
3. Other premises in which Section 7 is enforced by the Local Authority (Excluding out-workers premises)	1	1	-	-
TOTAL	33	56	-	-

2. Defects Found

Particulars	Found	Number of Defects		Referred by H.M. Inspector	Prosec- utions
		Remedied	Referred by H.M. Inspector		
Want of Clean- liness (S.1)	-	-	-	-	-
TOTAL	-	-	-	-	-

Disinfection

One premises was disinfected during the year, following a case of infectious and other diseases.

Disinfestation

Ten premises were treated for insect infestation including ants, beetles, flies and crockroaches.

Anti-fly measurs were again carried out on the Aberdyfi and Tywyn Refuse depositories.

Rodent Control

All rodent work at private dwellings was again carried out free of charge, but the cost incurred in treating agricultural and business premises was recovered from the occupiers.

The work of the Rodent Operative during the year is shown below -

Type of Property	Inspections	Number infested and treated for		Visits for Treatment	Total Visits
		Rats	Mice		
Local Authority Properties	140	36	-	32	208
Dwelling Houses	160	22	3	42	227
Agricultural Properties	74	24	-	22	120
Business Properties	33	22	6	16	77
TOTAL	407	104	9	112	632

In addition the Aberdyfi and Tywyn sewers were twice treated during the year and regular treatments carried out on the Council's two Refuse Depositories.

Caravan Sites and Control of Development Act, 1960

The Council's Caravan Site situated at Ynysymaengwyn was opened at Easter, 1966. The site provided for 30 caravans at the onset but owing to the demand, the site licence was increased to forty five and subsequently to 130.

Hill Farming and Livestock Rearing Acts

No schemes were effected during the year.

Improvement Grants

46 applications for grant-aid under the provisions of the Housing Act, 1969, for improvement to houses were received and approved during the year. The grants involved amounted in total to £10,610.00

Animal Boarding Establishment Act, 1963

During the year one premises were registered under the provisions of the Act and the requisite licence granted.

INSPECTION AND SUPERVISION
OF FOOD

Meat and Food Inspection

The table shown below gives the number of carcasses inspected and particulars of carcasses and parts thereof condemned at the local slaughterhouse -

	Cattle	Sheep and Lambs	Pigs	Calves
Number Killed	291	3229	Nil	-
Number inspected	291	3229	Nil	-
<u>All diseases except Tuberculosis</u>				
Whole condemned	-	1	-	-
Part or organ condemned	96	545	-	-
Percentage of number affected	-	-	-	-
<u>Tuberculosis only</u>				
Whole condemned	-	-	-	-
Part or organ condemned	-	-	-	-
Percentage of number affected	-	-	-	-
<u>Cysticercus</u>	No Cases Detected			
Part or organ condemned				
Carcasses submitted for treatment				
Totally condemned				

The total number of carcasses examined during the year was 3520.

Weight of Diseased and Unsound Meat and Offal Condemned

	<u>Tons</u>	<u>Cwts</u>	<u>Qrts</u>	<u>lbs.</u>
Meat	-	-	2	11
Offal ...	-	7	2	20
	-	8	1	3

All this meat and offal was disposed of for processing recovery purposes by the owners of the slaughterhouse.

	CATTLE					SHEEP AND LAMBS			PIGS								
	Head & Tongue	Lungs	Livers	Part Liver	Spleen	Skirt	Shoulders	Legs	Lungs	Livers	Leg	Head & Tongues	Lungs	Livers	Hearts	Kidneys	Stomach and Intestines
Abcess	2	20	16						38	16							
Actinomycocis																	
Angioma			19														
Bruising																	
Bacillary Necosis																	
Congestion		14		6					16								
Cysts		26	26						46	72							
Degeneration																	
Facioliosis		16	26	46						32							
Milk Spot																	
Malformation																	
Parasitic		16	25							46							
Pericarditis																	
Peritonitis																	
Pleurisy		12							16								
Pneumonia																	
Stongyli																	
Tuberculosis																	
Melanosis																	
TOTALS	2	104	112	52					116	166							

I am pleased to report that there were no lessions of Tuberculosis found in any animals slaughtered during this year.

Slaughterhouse Control and Meat Transport

No applications were received for licences in respect of new private slaughterhouses. Adequate facilities to meet the needs of all the local butchers are provided at the existing slaughterhouse owned by the Tywyn Wholesale Meat Co. Ltd.,

The general conditions at the slaughterhouse have been well maintained and the standard of hygiene and cleanliness most satisfactory. The work on the provision of additional facilities under the new legislation has been satisfactorily completed. The stunning pen has proved particularly beneficial in ensuring the maximum safety and absence of cruelty.

All meat was inspected prior to leaving the slaughterhouse and was of excellent quality throughout the year. Regular visits to the slaughterhouse are made by the Divisional Veterinary Officer who always reported the slaughterhouse to be in an excellent state of cleanliness.

The transport and handling of all meat has been carried out satisfactorily, every precaution being taken to prevent the soiling and contamination of dressed carcasses and offal.

Other Foods Condemned

The following table gives details of the nature of the foodstuffs found to be unfit for human consumption. They were disposed of by burial.

298 tins or Packets of Various Foodstuffs - Blown and leaking or Decomposed

MILK SUPPLY

No. of Licensed dealers in the District - 14.

The Duties concerned with sampling of milk under the Milk Regulations were transferred to the County Council in 1961. Mr.R.T.Edwards, Chief Inspector of Weights and Measures, has reported as follows on samples taken in the District during the year -

MILK (SPECIAL DESIGNATION) REGULATIONS, 1963

Class of Milk	No. of Samples	Appropriate Test	No. of Samples	
			Passed	Failed
Pasteurised	29	Methylene Blue Phosphatase	27 29	2 -
Sterilised	7	Turbidity	7	-
Untreated	10	Methylene Blue	8	2
Ultra-heat-Treated	5	Colony Count	4	1

BIOLOGICAL MILK SAMPLING (TUBERCULOSIS AND BRUCELLA INFECTION)

Number of samples tested - 10 (All free from tubercle bacilli and brucella abortus).

Ice Cream

There are 30 premises in the District registered for the sale of ice-cream. All ice-cream in the district is wrapped or pre-packed.

Regular inspections were made of the premises and they were all found to maintain good standard of hygiene.

No samples taken.

Food Hygiene.

There are 117 food premises in the district, comprising of 9 hotels and licensed premises, 37 guest and boarding houses, 12 cafes, and restaurants, 24 grocers (including green-grocers), 2 fish frying restaurants, 2 bakehouses, 6 school canteens, 3 butcher shops and 12 confectioners shops. In addition there are the 30 ice-cream premises previously mentioned in the report although some of these are included in the premises listed above.

Offices, Shops and Railway Premises, Act, 1963

Every premises to which this act applies have been duly registered with the Local Authority and the general standard of compliance with the provisions of the Act is good. The total number of registered premises is ninety five.

The standard of hygiene and cleanliness at these premises was generally found to be quite good and I am pleased to report that several improvements were effected during the year. In particular it was found that a number of shops had installed refrigerated food display cabinets. An increasing number of shopkeepers, too, are displaying their goods in transparent wrapped containers which provide good protection against external contamination. This indicated an improved awareness of the need for good hygiene in the food catering industry.

Food and Drugs Act, 1955

Sampling of Food for compositional quality under the above Act is administered by the County Council. Mr.R.T.Edwards, Chief Inspector of Weights and Measures has reported as follows on samples taken in the district during the year.

ARTICLE	NO. OBTAINED	NO. CERTIFIED AS ADULTERATED OR NOT UP TO STANDARD	REMARKS
Cheese	1	-	Deficient in soluble solids.
Jam	1	1	
Milk-Formal	10	-	
Informal	8	-	
Pie - Pork	1	-	
Steak - stewed with gravy	1	-	
Total	22	1	